

Product datasheet for **TP761985**

KCNC1 (NM_001112741) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human potassium voltage-gated channel, Shaw-related subfamily, member 1 (KCNC1), transcript variant A, Glu116-Ser160, with N-terminal His-ABP tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Glu116-Ser160)of KCNC1
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	19.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001106212
Locus ID:	3746
UniProt ID:	P48547
Cytogenetics:	11p15.1
RefSeq ORF:	1755
Synonyms:	EPM7; KV3.1; KV4; NGK2



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Summary:

This gene encodes a member of a family of integral membrane proteins that mediate the voltage-dependent potassium ion permeability of excitable membranes. Alternative splicing is thought to result in two transcript variants encoding isoforms that differ at their C-termini. These isoforms have had conflicting names in the literature: the longer isoform has been called both "b" and "alpha", while the shorter isoform has been called both "a" and "beta" (PMIDs 1432046, 12091563). [provided by RefSeq, Oct 2014]

Protein Families:

Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images: